

Case#	Specimen Date	Specimen Type	ORF1ab Ct	N Ct	S Ct	Ct>37	Results after implementing New Ct cutoff	<sup>1</sup> Symptoms Consistent with COVID-19	<sup>2</sup> Score	<sup>3</sup> Symptoms Highly Suspected for COVID-19	<sup>4</sup> Score	<sup>5</sup> Sick Contact	<sup>6</sup> Score	<sup>7</sup> Additional PCR Test Results	<sup>8</sup> Score	<sup>9</sup> Antibody (IgG) Test Results	<sup>10</sup> Score	Total Score	Score-based Interpretation	HCW	Pre-Op	Clinical and Epidemiological History
TaqPath-1	04/02/20	NP Swab	37.3	UD	UD	Yes	Negative	No	0	No	0	Unclear	0	4/10 Neg	0	N/A	0	0	Most likely false positive	No	Yes	60-69 year old with a history of a spinal tumor, who presented with a headache, nausea and vomiting. No shortness of breath, cough, difficulty breathing or fevers. No clinical concern for COVID. No repeat testing or imaging. Scheduled for a spinal cord surgery.
TaqPath-2	04/10/20	NP Swab	36.5	UD	UD	Yes	Inconclusive	Yes	1	Yes	3	Yes	1	4/10 Neg	0	6/10 Pos	4	9	Confirmed positive	No	No	50-59 year old with no significant medical history, who presented with loss of sense of taste and smell as well as mild nasal congestion. Reported no sick contacts, however, clinical note later reports family tested positive.
TaqPath-3	04/02/20	NP Swab	UD	35.9	UD	No	Inconclusive	Yes	1	Yes	3	Yes	1	N/A	0	N/A	0	5	Most likely true positive	No	No	30-39 year old presented with fevers, cough, nasal congestion. Family members were found to be COVID-19 positive. Also later developed anorexia.
TaqPath-4	04/11/20	NP Swab	34.7	UD	UD	No	Inconclusive	Yes	1	No	0	Unclear	0	4/11 Neg	0	N/A	0	1	Most likely false positive	Yes	No	30-39 year old HCW, who presented with subjective sore throat, malaise and fevers. No contact with known case
TaqPath-5	04/12/20	NP Swab	UD	34.6	UD	No	Inconclusive	Yes	1	No	0	Unclear	0	4/12 Neg, 6/28 Neg	0	N/A	0	1	Most likely false positive	No	Yes	70-79 year old with a history of asthma/COPD, recent viral pneumonia with ongoing cough, with COVID pre-operative testing for a lung nodule biopsy. Continues to do well. Normal chest x-ray. Unremarkable CBC. History of COPD and pulmonary nodules, asthma.
TaqPath-6	04/14/20	NP Swab	UD	34.0	UD	No	Inconclusive	Yes	1	No	0	Unclear	0	4/2 Pos, 4/7 Pos, 4/16 Pos, 4/23 Pos	5	N/A	0	6	Confirmed positive	No	No	40-49 year old with a history of HIV, obesity, diabetes, with upper respiratory symptoms. Initial PCR test positive on 4/2/20. Repeat testing collected so patient to evaluate for return home with at risk parents.
TaqPath-7	04/23/20	NP Swab	UD	35.5	UD	No	Inconclusive	Yes	1	No	0	Unclear	0	4/3 Pos, 4/7 Pos, 4/28 Neg	5	N/A	0	6	Confirmed positive	No	No	40-49 year old who presented with fever, chills and cough. Symptoms now resolved.
TaqPath-8	04/27/20	NP Swab	UD	37.2	UD	Yes	Negative	Yes	1	No	0	No	0	3/20 Pos, 4/5 Pos	5	5/7 Pos	4	10	Confirmed positive	Yes	No	50-59 year old HCW, who presented with dizziness, fatigue, fevers, chills, cough, and nasal congestion. Initial testing positive on 3/20/20 and subsequently on 4/15/20. Symptoms resolved.
TaqPath-9	04/28/20	NP Swab	39.9	UD	UD	Yes	Negative	No	0	No	0	No	0	4/29 Neg	0	N/A	0	0	Most likely false positive	No	Yes	10-19 year old with a history of a vehicle accident, received pre-operative testing. No reported COVID related symptoms or known exposures. Repeat testing on 4/29/20 was negative.
TaqPath-10	04/29/20	NP Swab	UD	39.8	UD	Yes	Negative	No	0	No	0	Unclear	0	5/1 Neg	0	N/A	0	0	Most likely false positive	No	Yes	60-69 year old with a history of diabetes, cirrhosis and hemochromatosis complicated by hepatocellular carcinoma on checkpoint inhibitor, who received COVID testing pre-operatively for tumor embolization. Reports no COVID related symptoms. No documentation of recent travel or exposure to known infected persons. Repeat testing prior to procedure 2 days later was negative.
TaqPath-11	05/01/20	NP Swab	UD	UD	39.0	Yes	Negative	Yes	1	Yes	3	Unclear	0	4/15 Pos, 3/20 Pos, 5/1 Pos	5	N/A	0	9	Confirmed positive	No	No	30-39 year old with a history of smoking, who complained of fever, cough, fatigue and anorexia for two weeks. Initial testing was sent out to Quest on 3/19/20 which returned positive. Repeat in house testing on 4/17 remained positive. Patient continued to have mild symptoms. Patient requested another test for required clearance to return to work which resulted inconclusive.
TaqPath-12	05/03/20	NP Swab	UD	39.7	UD	Yes	Negative	No	0	No	0	Unclear	0	5/3 Neg, 6/9 Neg, 6/30 Neg	0	N/A	0	0	Most likely false positive	No	No	20-29 year old with a history of hepatitis C. No recent clinical notes or labs.
TaqPath-13	05/04/20	NP Swab	UD	34.6	UD	No	Inconclusive	Yes	1	Yes	3	Unclear	0	4/1, Pos	5	N/A	0	9	Confirmed positive	No	No	50-59 year old with no significant history, who was previously tested positive for COVID greater than a month prior, who presented at that time with upper respiratory symptoms and anorexia, which had resolved. Patient requested retesting to evaluate for viral clearance, in order to be around her elderly mother.
TaqPath-14	05/06/20	NP Swab	UD	37.1	UD	Yes	Negative	Yes	1	Yes	3	Yes	1	3/25 Pos, 4/15 Pos	5	5/20 Pos	4	14	Confirmed positive	No	No	50-59 year old with no significant history who presented with cough and fevers, and exposure to sick COVID contact. Chest X-ray showing bronchial wall thickening with increased peripheral peribronchovascular groundglass opacities, concerning for an atypical or viral pneumonia.
TaqPath-15	05/09/20	NP Swab	UD	35.8	UD	No	Inconclusive	Yes	1	Yes	3	Yes	1	3/31 Neg, 4/03 Neg, 4/18 Pos, 5/20 Neg	5	N/A	0	10	Confirmed positive	No	No	30-39 year old with a history of cardiomyopathy status post heart transplant, who was exposed to COVID through family member, who presented with a fever, cough, myalgias, and loose stools. Outside drive thru testing reported positive per clinical note. History of anorexia.
TaqPath-16	05/11/20	NP Swab	UD	UD	38.7	Yes	Negative	No	0	No	0	Unclear	0	5/12 Neg	0	N/A	0	0	Most likely false positive	No	Yes	70-79 year old with a history of diabetes, hypertension, breast cancer, who underwent pre-operative COVID testing for mastectomy. No report of COVID related symptoms, recent travel or exposure noted in clinical notes.
TaqPath-17	05/12/20	NP Swab	UD	35.7	UD	No	Inconclusive	No	0	No	0	Unclear	0	5/13 Neg	0	N/A	0	0	Most likely false positive	No	Yes	50-59 year old with a history of foot neuromas, received testing pre-operatively.
TaqPath-18	05/12/20	NP Swab	UD	35.5	UD	No	Inconclusive	Yes	1	No	0	Yes	1	5/14 Inconclusive (N gene Ct = 34.7)	2	N/A	0	4	Most likely true positive	Yes	No	30-39 year old HCW with occupation exposure presenting with diarrhea
TaqPath-19	05/12/20	NP Swab	UD	37.0	UD	No	Inconclusive	Yes	1	No	0	Yes	1	4/21 Pos, 5/5 Pos	5	N/A	0	7	Confirmed positive	No	No	80-89 year old presenting with fever, spouse died of COVID-related disease
TaqPath-20	05/13/20	NP Swab	UD	34.3	UD	No	Inconclusive	Yes	1	Yes	3	Yes	1	4/29 Pos	5	N/A	0	10	Confirmed positive	Yes	No	20-29 year old HCW with cough, fever, and shortness of breath, occupational exposure
TaqPath-21	05/14/20	NP Swab	36.2	UD	UD	No	Inconclusive	Yes	1	No	0	Yes	1	N/A	0	5/12 Pos	4	6	Confirmed positive	No	No	60-69 year old with fever, chills, and bodyaches with exposure to people who have tested positive for COVID-19
TaqPath-22	05/14/20	NP Swab	UD	35.6	UD	No	Inconclusive	Yes	1	No	0	Yes	1	4/13 Pos	5	N/A	0	7	Confirmed positive	No	No	60-69 year old with history of diabetes and hypercoagulability presenting with cough and sore throat with exposure to COVID; history of exposure to parent who was at nursing home where there were 3 cases of covid
TaqPath-23	05/14/20	NP Swab	UD	38.5	UD	Yes	Negative	Yes	1	No	0	Yes	1	4/11 Neg, 5/16 Neg	0	N/A	0	2	Most likely false positive	Yes	No	60-69 year old HCW presenting with non-specific cough, sore throat, diarrhea, and nasal congestion; symptoms self-resolved the next day, symptoms resolved after 1 day
TaqPath-24	05/15/20	NP Swab	UD	39.0	UD	Yes	Negative	Yes	1	No	0	Unclear	0	4/15 Pos	5	N/A	0	6	Confirmed positive	Yes	No	50-59 year old woman HCW presenting with chills and fever
TaqPath-25	05/15/20	NP Swab	UD	36.1	UD	No	Inconclusive	Yes	1	No	0	Unclear	0	5/11 Pos	5	N/A	0	6	Confirmed positive	No	No	50-59 year old with history of polycystic kidney disease presenting with cough and fever
TaqPath-26	05/15/20	NP Swab	UD	39.4	UD	Yes	Negative	Yes	1	Yes	3	Yes	1	4/5 Pos, 5/23 Pos	5	5/14 Pos	4	14	Confirmed positive	Yes	No	50-59 year old HCW with positive COVID-19 4/10/2020 with resolution of cough and fever but persistent severe fatigue, weight loss, headaches, dizziness, acid indigestion/breath
TaqPath-27	05/15/20	NP Swab	UD	38.7	UD	Yes	Negative	Yes	1	No	0	Yes	1	4/20 Neg, 05/28 Neg	0	N/A	0	2	Most likely false positive	Yes	No	30-39 year old HCW presenting with fever, cough, and body aches, symptoms resolved by 5/18, no documented fever.
TaqPath-28	05/15/20	NP Swab	UD	33.9	UD	No	Inconclusive	Yes	1	No	0	Unclear	0	4/4 Pos, 4/14 Pos, 4/22 Pos, 4/30 Pos, 5/7 Neg, 5/8 Pos, 5/16 Pos, 5/21 Neg	5	5/21 Pos	4	10	Confirmed positive	No	No	70-79 year old with history of severe Alzheimer disease presenting with fever from nursing home
TaqPath-29	05/20/20	NP Swab	UD	34.9	UD	No	Inconclusive	Yes	1	No	0	Unclear	0	4/21 Pos, 5/28 Pos, 6/5 Pos	5	N/A	0	6	Confirmed positive	No	No	30-39 year old with history of obesity presenting with cough and fever
TaqPath-30	05/21/20	NP Swab	UD	35.8	UD	No	Inconclusive	Yes	1	No	0	Unclear	0	5/1 Pos, 5/7 Neg, 5/13 Pos, 5/20 Neg	5	N/A	0	6	Confirmed positive	No	No	60-69 year old with history of hypertension who presented with fever and diarrhea in March 2020 and continually positive COVID-19 testing since then.
TaqPath-31	05/21/20	NP Swab	39.1	UD	UD	Yes	Negative	No	0	No	0	Yes	1	5/15 Pos, 5/24 Pos, 6/3 Inconclusive (N gene Ct=36.2)	5	N/A	0	6	Confirmed positive	No	No	40-49 year old with history of positive COVID testing (spouse with COVID hospitalization) since April 2020
TaqPath-32	05/23/20	NP Swab	39.1	UD	UD	Yes	Negative	Yes	1	No	0	Yes	1	5/26 Neg	0	N/A	0	2	Most likely false positive	Yes	No	20-29 year old HCW presenting with sore throat
TaqPath-33	05/24/20	NP Swab	UD	UD	37.3	Yes	Negative	Yes	1	No	0	Unclear	0	5/25 Neg	0	N/A	0	1	Most likely false positive	No	Yes	20-29 year old with history of Hodgkin lymphoma, no fever, tested for transplant
TaqPath-34	05/26/20	NP Swab	UD	37	UD	No	Inconclusive	Yes	1	No	0	Unclear	0	5/11 Pos	5	N/A	0	6	Confirmed positive	No	No	60-69 year old with history of COVID and resolution of all symptoms. Testing needed to return to work.
TaqPath-35	05/27/20	NP Swab	UD	35.2	UD	No	Inconclusive	No	0	No	0	Unclear	0	5/28 Neg	0	N/A	0	0	Most likely false positive	No	Yes	70-79 year old with history of prostate cancer, scheduled for radical prostatectomy, had COVID-19 testing for pre-procedure testing.
TaqPath-36	05/27/20	NP Swab	UD	UD	38.7	Yes	Negative	Yes	1	No	0	No	0	5/29 Neg	0	N/A	0	1	Most likely false positive	No	No	30-39 year old with night sweats for 2 weeks. No covid-19 exposure or travel. Has history of anxiety. Wanted covid-19 testing for night sweats
TaqPath-37	05/28/20	NP Swab	UD	UD	39.2	Yes	Negative	No	0	No	0	No	0	5/9 Neg, 5/11 Neg, 5/13 Neg, 5/15 Neg, 5/18 Neg, 5/20 Neg, 5/26 Neg, 5/29 Neg, 6/1 Neg, 6/3 Neg, 6/5 Neg, 6/8 Neg	0	N/A	0	0	Most likely false positive	No	No	60-69 year old with bipolar II and PMH of hypothyroidism, getting testing for outpatient ECT in light of worsening passive suicidal ideation.
TaqPath-38	05/30/20	NP Swab	UD	UD	39.4	Yes	Negative	Yes	1	No	0	No	0	6/1 Neg	0	N/A	0	1	Most likely false positive	No	No	60-69 year old with history of anxiety, insomnia, and menopause tested because of symptoms of low grade fever, dizziness, nausea, chills, bodyache and dry cough.
TaqPath-39	05/31/20	NP Swab	UD	35.3	UD	No	Inconclusive	Yes	1	No	0	Yes	1	4/18 Pos, 5/15 Pos, 5/21 Pos	5	5/31 Pos	4	11	Confirmed positive	No	No	20-29 year old with history of covid symptoms on 4/19 (fever, myalgia, sore throat, nausea) and tested positive. Wanted repeat testing to document clearance.
TaqPath-40	06/04/20	NP Swab	UD	38.7	UD	Yes	Negative	Yes	1	Yes	3	Unclear	0	4/22 Pos, 6/15 Neg	5	N/A	0	9	Confirmed positive	No	No	50-59 year old with history of positive COVID test for EGD. At the time had hemoptysis and a history of cough, fever, myalgias, shortness of breath, body aches, generalized weakness.
TaqPath-41	06/05/20	NP Swab	UD	35.5	UD	No	Inconclusive	Yes	1	Yes	3	Yes	1	5/29 Pos, 6/7 Neg, 6/16 Neg, 6/25 Neg	5	6/8 Pos	4	14	Confirmed positive	Yes	No	50-59 year old HCW with history of body aches, fever, shortness of breath, weakness, had been hospitalized from 3/19-3/26 at a community hospital for COVID-19.
TaqPath-42	06/07/20	NP Swab	36.8	UD	UD	No	Inconclusive	Yes	1	No	0	Yes	1	4/17 Pos, 7/13 Neg	5	N/A	0	7	Confirmed positive	No	No	60-69 year old with orthotopic liver transplant in January 2019 for NAFL and HCC, admitted from 4/17-4/22 for COVID-19, history of spouse with COVID-19, presented with abdominal pain, decreased appetite, and fatigue and mild cough. Abnormal chest x-ray.
TaqPath-43	06/09/20	NP Swab	UD	UD	39.1	Yes	Negative	No	0	No	0	No	0	6/20 Neg	0	N/A	0	0	Most likely false positive	No	Yes	60-69 year old with suspected relapse of diffuse B cell lymphoma, history of lower extremity thrombus, tested prior to biopsy
TaqPath-44	06/10/20	NP Swab	UD	36.7	UD	No	Inconclusive	Yes	1	No	0	No	0	6/11 Pos, 6/20 Neg, 6/24 Neg	5	N/A	0	6	Confirmed positive	No	Yes	40-49 year old with history of GERD, anxiety, depression, sciatica, and R breast cancer, scheduled for mastectomy and DIEP flap. Had a dry cough
TaqPath-45	06/10/20	NP Swab	UD	35.3	UD	No	Inconclusive	Yes	1	Yes	3	Yes	1	N/A	0	5/28 Pos	4	9	Confirmed positive	No	Yes	70-79 year old with mild loss of appetite, loss of taste. Spouse had COVID-19 in March. Tested prior to a procedure on 6/10
TaqPath-46	06/10/20	NP Swab	35.4	UD	UD	No	Inconclusive	Yes	1	No	0	Yes	1	6/11 Inconclusive (N gene Ct=38.0)	2	4/24 Neg	0	4	Most likely true positive	Yes	No	30-39 year old HCW, with sore throat, resolved after 1 day
TaqPath-47	06/10/20	NP Swab	UD	36.0	UD	No	Inconclusive	Yes	1	No	0	Unclear	0	5/26 Pos, 6/12 Pos	5	N/A	0	6	Confirmed positive	No	No	60-69 year old with mild cough, fever, history of DMII, had contact with children who are HCW
TaqPath-48	06/10/20	NP Swab	UD	UD	37.6	Yes	Negative	Yes	1	No	0	Yes	1	N/A	0	N/A	0	2	Most likely false positive	No	No	40-49 yo, history of COVID exposure at their apartment complex, history of headaches otherwise healthy
TaqPath-49	06/12/20	NP Swab	UD	34.4	UD	No	Inconclusive	Yes	1	No	0	Yes	1	5/27 Pos	5	N/A	0	7	Confirmed positive	Yes	No	30-39 HCW with chronic fatigue syndrome, depression, felt more tired than usual, aches, cough
TaqPath-50	06/13/20	NP Swab	UD	UD	38.5	Yes	Negative	No	0	No	0	No	0	5/31 Neg, 6/6 Neg, 6/15 Neg	0	N/A	0	0	Most likely false positive	No	Yes	40-49 year old with history of lupus, and DCIS of L lung, had COVID-19 testing for pre-op, no symptoms
TaqPath-51	06/13/20	NP Swab	UD	UD	38.9	Yes	Negative	Yes	1	No	0	Yes	1	6/16 Neg	0	6/24 Neg	0	2	Most likely false positive	Yes	No	40-49 year old HCW, with history of cough, rhinorrhea